



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 07/09/2018	EPA Reg No./File Symbol 70506-	Page 1 of 3
Applicant's/Registrant's Name & Address: United Phosphorus, Inc. 630 Freedom Business Center, Ste. 402 King of Prussia, PA 19406		Product Warlord Insecticide

Ingredient Lambda-Cyhalothrin

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.1550	Product identity and composition	50624801	United Phosphorus, Inc.	OWN	
830.1600	Description of Materials Used to Produce the Product	50624801	United Phosphorus, Inc.	OWN	
830.1620	Description of the Production Process	50624801	United Phosphorus, Inc.	OWN	
830.1650	Description of the Formulation Process	50624801	United Phosphorus, Inc.	OWN	
830.1670	Discussion of Formation of Impurities	50624801	United Phosphorus, Inc.	OWN	
830.1700	Preliminary Analysis				Not applicable ¹
830.1750	Certified Limits	50624801	United Phosphorus, Inc.	OWN	
830.1800	Enforcement Analytical Method	50624802	United Phosphorus, Inc.	OWN	
830.6302	Color	50624803	United Phosphorus, Inc.	OWN	
830.6303	Physical State	50624803	United Phosphorus, Inc.	OWN	
830.6304	Odor	50624803	United Phosphorus, Inc.	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metal and Metal Ions				Not applicable ¹
830.6314	Oxidation/Reduction: Chemical Incompatibility	50624803; 47851201	United Phosphorus, Inc.	OWN	
830.6315	Flammability	50624803	United Phosphorus, Inc.	OWN	
830.6316	Explosibility	50624803	United Phosphorus, Inc.	OWN	

Signature <i>Sherry Hutcheson</i>	Name and Title Sherry B Hutcheson; Sr. Regulatory Manager II	Date 07/09/2018
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Ingredient Lambda-Cyhalothrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6317	Storage Stability	50624803	United Phosphorus, Inc.	OWN	
830.6319	Miscibility				Not applicable ²
830.6320	Corrosion Characteristics	50624803	United Phosphorus, Inc.	OWN	
830.6321	Dielectric Breakdown Voltage				Not applicable ³
830.7000	pH	50624803	United Phosphorus, Inc.	OWN	
830.7050	UV/Visible Absorption				Not applicable ¹
830.7100	Viscosity	50624803	United Phosphorus, Inc.	OWN	
830.7200	Melting Point/Melting Range			OWN	Not applicable ¹
830.7220	Boiling Point/Boiling Range				Not applicable ¹
830.7300	Density/Relative Density/Bulk Density	50624803	United Phosphorus, Inc.	OWN	
830.7370	Dissociation Constants in Water				Not Applicable ¹
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method				Not Applicable ¹

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Ingredient Lambda-Cyhalothrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7560	Partition Coefficient (n-octanol/water), Generator Method				Not Applicable ¹
830.7560	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				Not Applicable ¹
830.7840	Water Solubility: Column Elution Method, Shake Flask Method				Not Applicable ¹
830.7860	Water Solubility: Generator Column Method				Not Applicable ¹
870.1100	Acute Oral Toxicity – Rat	50624804	United Phosphorus, Inc.	OWN	
870.1200	Acute Dermal Toxicity – Rat	50624805	United Phosphorus, Inc.	OWN	
870.1300	Acute Inhalation Toxicity – Rat	50624806	United Phosphorus, Inc.	OWN	
870.2400	Eye Irritation	50624807	United Phosphorus, Inc.	OWN	
870.2500	Skin Irritation	50624808	United Phosphorus, Inc.	OWN	
870.2600	Skin Sensitization	50624809	United Phosphorus, Inc.	OWN	

Footnotes for Data Matrix:

1. Warlord is not a TGAI.
2. Warlord is not an emulsifiable liquid or to be diluted with petroleum solvents.
3. Warlord is not intended for use around electrical equipment.

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Ingredient Lambda-Cyhalothrin

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